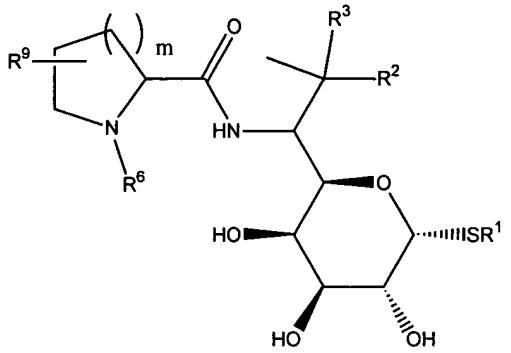
AMENDMENTS TO THE CLAIMS

Claim 1 (Currently amended): A compound of formula (I):



(I)

wherein:

R^1 is alkyl;

R^2 and R^3 are independently H, alkyl, hydroxy, fluoro, or cyanoalkyl or one of R^2 and R^3 is $=NOR^7$ and the other is absent, or one of R^2 and R^3 is $=CH_2$ and the other is absent, with the provisos that both R^2 and R^3 are not H; when one of R^2 and R^3 is fluoro, the other is not hydrogen or hydroxy; and when one of R^2 and R^3 is hydroxy, the other is not fluoro, hydrogen, or hydroxy;

R^6 is selected from the group consisting of H, alkyl, hydroxyalkyl, -C(O)O-alkylene-cycloalkyl, -C(O)O-alkylene-substituted cycloalkyl, -C(O)O-alkyl, -C(O)O-substituted alkyl, -C(O)O-aryl, -C(O)O-substituted aryl, -C(O)O-heteroaryl, -C(O)O-substituted heteroaryl, $-[C(O)O]_p$-alkylene-heterocycle, $-[C(O)O]_p$-alkylene-substituted heterocycle, wherein p is 0 or 1;

R^7 is H or alkyl;

R^9, which can be singly or multiply substituted in the ring on the same or different carbons, is independently selected from the group consisting of ~~hydrogen,~~ alkyl, substituted alkyl, alkoxy, substituted alkoxy, alkoxyalkoxy, cycloalkyl, substituted cycloalkyl, substituted oxygen, substituted nitrogen, halogen, phenyl, substituted phenyl,

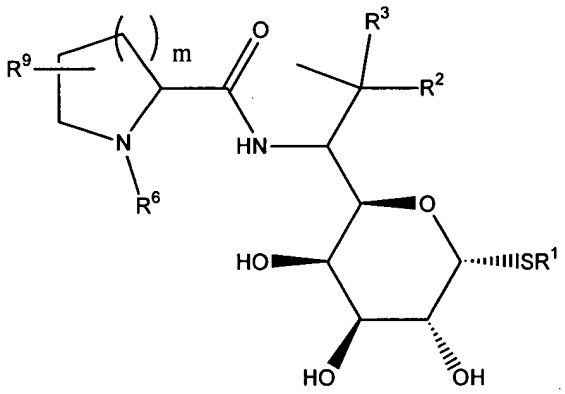
$-(CH_2)_n-OH$, $-(CH_2)_n-NR^4R^5$, -alkylene-R^a where R^a is selected from monofluorophenyl and monochlorophenyl, and branched chain isomers thereof wherein n is an integer of from 1 to 8 inclusive and R^4 and R^5 are H or alkyl; and

m is 0, 1, 2 or 3; and

prodrugs, tautomers or pharmaceutically acceptable salts thereof;

with the proviso that the compound of formula I has a minimum inhibition concentration of 32 μg/mL or less against at least one of the organisms selected from the group consisting of Streptococcus pneumoniae, Staphylococcus aureus, Staphylococcus epidermidis, Enterococcus faecalis, Enterococcus faecium, Haemophilus influenzae, Moraxella catarrhalis, Escherichia coli, Bacteroides fragilis, Bacteroides thetaiotaomicron, and Clostridium difficile.

Claim 2 (Currently amended): A compound of formula (II)



(II)

wherein:

R^1 is alkyl;

R^2 and R^3 are independently H, alkyl, or cyanoalkyl, with the proviso that both R^2 and R^3 are not H;

R^6 is H, alkyl, or hydroxyalkyl;

R^9, which can be singly or multiply substituted in the ring on the same or different carbons, is independently selected from the group consisting of ~~hydrogen,~~ alkyl,

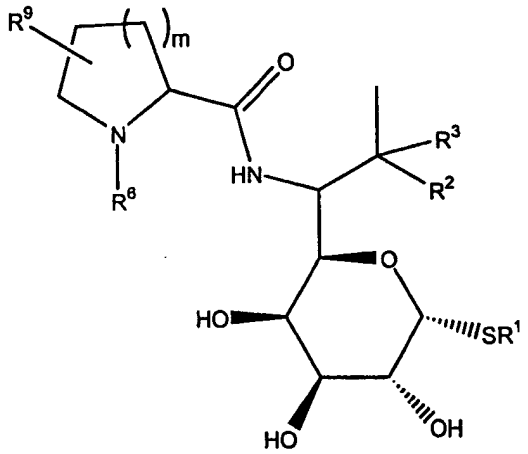
substituted alkyl, alkoxyalkoxy, cycloalkyl, substituted cycloalkyl, substituted oxygen, substituted nitrogen, halogen, phenyl, substituted phenyl, $-(CH_2)_n-OH$, $-(CH_2)_n-NR^4R^5$, -alkylene-R^a where R^a is selected from monofluorophenyl and monochlorophenyl, and branched chain isomers thereof wherein n is an integer of from 1 to 8 inclusive and R^4 and R^5 are H or alkyl; and

m is 1 or 2; and

prodrugs [[and]] or pharmaceutically acceptable salts thereof;

with the proviso that the compound of formula II has a minimum inhibition concentration of 32 μg/mL or less against at least one of the organisms selected from the group consisting of Streptococcus pneumoniae, Staphylococcus aureus, Staphylococcus epidermidis, Enterococcus faecalis, Enterococcus faecium, Haemophilus influenzae, Moraxella catarrhalis, Escherichia coli, Bacteroides fragilis, Bacteroides thetaiotaomicron, and Clostridium difficile.

Claim 3 (Currently amended): A compound of formula (III):



(III)

wherein:

R^1 is alkyl;

R^2 and R^3 are fluoro;

R^6 is H, alkyl, or hydroxyalkyl;

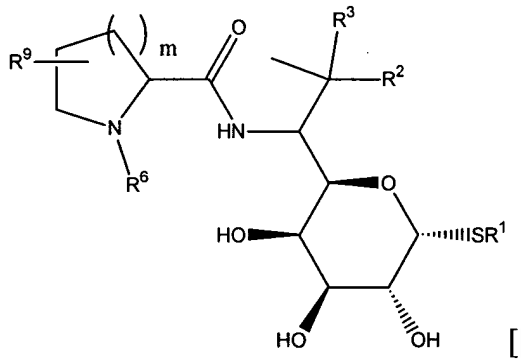
R^9, which can be singly or multiply substituted in the ring on the same or different carbons, is independently selected from the group consisting of ~~hydrogen,~~ alkyl, substituted alkyl, alkoxyalkoxy, cycloalkyl, substituted cycloalkyl, substituted oxygen, substituted nitrogen, halogen, phenyl, substituted phenyl, $-(CH_2)_n-OH$, $-(CH_2)_n-NR^4R^5$, -alkylene-R^a where R^a is selected from monofluorophenyl and monochlorophenyl, and branched chain isomers thereof wherein n is an integer of from 1 to 8 inclusive and R^4 and R^5 are H or alkyl; and

m is 1 or 2; and

prodrugs [[and]] or pharmaceutically acceptable salts thereof,

with the proviso that the compound of formula III has a minimum inhibition concentration of 32 μg/mL or less against at least one of the organisms selected from the group consisting of Streptococcus pneumoniae, Staphylococcus aureus, Staphylococcus epidermidis, Enterococcus faecalis, Enterococcus faecium, Haemophilus influenzae, Moraxella catarrhalis, Escherichia coli, Bacteroides fragilis, Bacteroides thetaiotaomicron, and Clostridium difficile.

Claim 4 (Currently amended): A compound of formula ([[IV]]V):



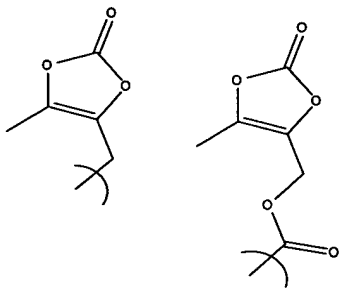
[[IV]]V

wherein:

R^1 is alkyl;

R^2 and R^3 are independently H, [[or]] alkyl, hydroxy, fluoro, or cyanoalkyl or one of R^2 and R^3 is $=NOR^7$ and the other is absent, or one of R^2 and R^3 is $=CH_2$ and the other is absent, with the provisos that both R^2 and R^3 are not H; when one of R^2 and R^3 is fluoro, the other is not hydrogen or hydroxy; and when one of R^2 and R^3 is hydroxy, the other is not fluoro, hydrogen, or hydroxy;

R^6 is selected from the group consisting of -C(O)O-alkylene-cycloalkyl, -C(O)O-alkylene-substituted cycloalkyl, -C(O)O-alkyl, -C(O)O-substituted alkyl, -C(O)O-aryl, -C(O)O-substituted aryl, -C(O)O-heteroaryl, -C(O)O-substituted heteroaryl, $-[C(O)O]_p$-alkylene-heterocycle, $-[C(O)O]_p$-alkylene-substituted heterocycle, wherein p is 0 or 1 with the proviso that -C(O)O-substituted alkyl does not include the following:



R^7 is H or alkyl;

R^9, which can be singly or multiply substituted in the ring on the same or different carbons, is independently selected from the group consisting of ~~hydrogen,~~ alkyl, substituted alkyl, alkoxyalkoxy, cycloalkyl, substituted cycloalkyl, alkoxyalkoxy, substituted oxygen, substituted nitrogen, halogen, phenyl, substituted phenyl, $-(CH_2)_n$-OH, $-(CH_2)_n$-NR^4R^5, -alkylene-R^a where R^a is selected from monofluorophenyl and monochlorophenyl, and branched chain isomers thereof wherein n is an integer of from 1 to 8 inclusive and R^4 and R^5 are H or alkyl; and

m is 1 or 2; and

prodrugs, tautomers or pharmaceutically acceptable salts thereof;

with the proviso that the compound of formula [[I]]V has a minimum inhibition concentration of 32 μg/mL or less against at least one of the organisms selected from the group consisting of

Streptococcus pneumoniae, Staphylococcus aureus, Staphylococcus epidermidis, Enterococcus faecalis, Enterococcus faecium, Haemophilus influenzae, Moraxella catarrhalis, Escherichia coli, Bacteroides fragilis, Bacteroides thetaiotaomicron, and Clostridium difficile.

Claim 5 (Original): A compound of claim 1, wherein m is 1 or 2.

Claim 6 (Original): A compound of claim 1, wherein R^1 is methyl.

Claim 7 (Original): A compound of claim 1, wherein R^6 is H, alkyl, or hydroxyalkyl.

Claim 8 (Currently amended): A compound of claim l, wherein each R^9 is independently [[H,]] alkyl, substituted alkyl, alkoxy, substituted alkoxy, or cycloalkyl.

Claim 9 (Currently amended): A compound selected from the group consisting of:

~~1-(4-ethylpiperid-6-yl)-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 4-ethyl-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-(4-*n*-propyl-*N*-methylpyrrolidin-2-yl)-N-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 1-methyl-4-propyl-pyrrolidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl-amide;

~~1-(4-*n*-propyl-*N*-methylpyrrolidin-2-yl)-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methyl-3-cyanoprop-1-yl}acetamide;~~ 1-methyl-4-propyl-pyrrolidine-2-carboxylic acid [3-cyano-2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-(4-ethylpiperidyl)-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-hydroxy-2-methylprop-1-yl}acetamide;~~ 4-ethyl-piperidine-2-carboxylic acid [2-hydroxy-2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-(4-*n*-propyl-*N*-methylpyrrolidin-2-yl)-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-hydroxyiminoprop-1-yl}acetamide;~~ 1-methyl-4-propyl-pyrrolidine-2-carboxylic acid [2-hydroxyimino-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-(4-*n*-propyl-*N*-methylpyrrolidin-2-yl)-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methoxyiminoprop-1-yl}acetamide;~~ 1-methyl-4-propyl-pyrrolidine-2-carboxylic acid [2-methoxyimino-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-(3-*n*-butylpiperid-6-yl)-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 5-butyl-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-(4-*n*-pentylpyrrolidin-2-yl)-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 4-pentyl-pyrrolidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-[4-(3-methylbut-1-yl)pyrrolidin-2-yl]-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 4-(3-methyl-butyl)-pyrrolidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl-propyl]-amide;

4-pentyl-pyrrolidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-(4-*n*-propyl-*N*-methylpyrrolidin-2-yl)-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2,2-difluoroprop-1-yl}acetamide;~~ 1-methyl-4-propyl-pyrrolidine-2-carboxylic acid [2,2-difluoro-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-(4-*n*-pentylpyrrolidin-2-yl)-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2,2-difluoroprop-1-yl}acetamide;~~ 4-pentyl-pyrrolidine-2-carboxylic acid [2,2-difluoro-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-(4-(3-*p*-fluorophenyl)prop-1-yl-pyrrolidin-2-yl)-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 4-[3-(4-fluoro-phenyl)-propyl]-

pyrrolidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-[4-(3,3-difluoroprop-1-yl)pyrrolidin-2-yl]-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 4-(3,3-difluoro-propyl)-pyrrolidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-(4-(3-*p*-chlorophenyl)prop-1-yl-pyrrolidin-2-yl)-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 4-[3-(4-chloro-phenyl)-propyl]-pyrrolidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-[4-(2,2-difluoropent-1-yl)pyrrolidin-2-yl]-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 4-(2,2-difluoro-pentyl)-pyrrolidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-(4-*n*-propylpiperid-6-yl)-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide~~ 4-propyl-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-[4-*n*-pentyl-*N*-(2-hydroxyeth-1-yl)pyrrolidin-2-yl]-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 1-(2-hydroxy-ethyl)-4-pentyl-pyrrolidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-[4-*n*-pentyl-*N*-(2-(*R*)-methyl-2-hydroxyeth-1-yl)pyrrolidin-2-yl]-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 1-(2-hydroxy-propyl)-4-pentyl-pyrrolidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-[4-*n*-pentyl-*N*-(2-(*S*)-methyl-2-hydroxyeth-1-yl)pyrrolidin-2-yl]-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~

~~1-(4-*n*-pentyl-*N*-(3-hydroxyprop-1-yl)pyrrolidin-2-yl)-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 1-(3-hydroxy-propyl)-4-pentyl-

pyrrolidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-[4-(3-methylbut-1-yl)-*N*-(2-hydroxyeth-1-yl)pyrrolidin-2-yl]-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide~~1-(2-hydroxy-ethyl)-4-(3-methyl-butyl)-pyrrolidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-[4-(3,3-difluoroprop-1-yl)-*N*-(2-hydroxyeth-1-yl)pyrrolidin-2-yl]-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 4-(3,3-difluoro-propyl)-1-(2-hydroxy-ethyl)-pyrrolidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl-propyl]-amide;

~~1-[4-*n*-pentyl-*N*-(2-hydroxyeth-1-yl)pyrrolidin-2-yl]-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2,2-difluoroprop-1-yl}acetamide;~~ 1-(2-hydroxy-ethyl)-4-pentyl-pyrrolidine-2-carboxylic acid [2,2-difluoro-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-(4-*n*-pentylpiperid-6-yl)-*N*-{[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 4-pentyl-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-(4-methoxypiperid-6-yl)-*N*-{[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 4-Methoxy-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-[4-(1-ethylprop-1-yl)piperid-6-yl]-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 4-(1-ethyl-propyl)-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-(4-*iso*-propylpiperid-6-yl)-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 4-isopropyl-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-(4-*n*-butylpiperid-6-yl)-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 4-butyl-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-(4-cyclohexylpiperid-6-yl)-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 4-cyclohexyl-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-(4-ethyl-*N*-hydroxyethyl-piperid-6-yl)-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 4-ethyl-1-(2-hydroxy-ethyl)-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-(4-*n*-pentyl-*N*-hydroxyethyl-piperid-6-yl)-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 1-(2-hydroxy-ethyl)-4-pentyl-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-(4-*n*-propyl-*N*-hydroxyethyl-piperid-6-yl)-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 1-(2-hydroxy-ethyl)-4-propyl-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-[4-(4,4-difluoropent-1-yl)-pyrrolidin-2-yl]-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 4-(4,4-difluoro-pentyl)-pyrrolidine-2-carboxylic acid [2-methyl-1-(3,4,5-tridroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl-propyl]-amide;

~~1-[4-(3,3-difluorobut-1-yl)pyrrolidin-2-yl]-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 4-(3,3-difluoro-butyl)-pyrrolidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-[4-(3,3-difluoropent-1-yl)pyrrolidin-2-yl]-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 4-(3,3-difluoro-pentyl)-

pyrrolidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihdroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-[4-(3,3-difluoropent-1-yl)-N-(2-hydroxyeth-1-yl)pyrrolidin-2-yl]-N-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 4-(3,3-difluoro-pentyl)-1-(2-hydroxy-ethyl)-pyrrolidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-(4-(3,3-difluoroprop-1-yl)piperid-6-yl)-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 4-(3,3-difluoro-propyl)-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-(4-(4,4-difluorobut-1-yl)piperid-6-yl)-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 4-(4,4-difluoro-butyl)-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide

~~1-(4-(5,5-difluoropent-1-yl)piperid-6-yl)-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 4-(5,5-difluoro-pentyl))-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-(4-(5-fluoropent-1-yl)piperid-6-yl)-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 4-(5-fluoro-pentyl)-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-(4-(4-fluorobut-1-yl)piperid-6-yl)-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 4-(4-fluoro-butyl)-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihdroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-(4-(3-ethyl-3-hydroxypent-1-yl)piperid-6-yl)-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 4-(3-ethyl-3-hydroxy-pentyl)-

piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-(4-butoxypiperid-6-yl)-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 4-butoxy-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-(4-pentoxypiperid-6-yl)-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 4-pentyloxy-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetraydro-pyran-2-yl)-propyl]-amide;

~~1-(4-(4-fluorobutoxy)piperid-6-yl)-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 4-(4-fluoro-butoxy)-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-[4-*n*-butylprop-1-yl)pyrrolidin-2-yl]-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methyl-allyl}acetamide;~~ 4-butyl-pyrrolidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-allyl]-amide;

~~1-(4-ethyl-*N*-ethyl-piperid-6-yl)-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 1,4-diethyl-piperidine-2-carboxylic acid (2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-(4-(3-fluoropropoxy)piperid-6-yl)-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 4-(3-fluoro-propoxy)-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihdroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-(4-(3,3,3-trifluoropropoxy)piperid-6-yl)-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 4-(3,3,3-trifluoro-propoxy)-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-(4-*iso*-butylpiperid-6-yl)-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 4-isobutyl-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-(4-*n*-propylpiperid-6-yl)-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2,2-difluoro-prop-1-yl}acetamide;~~ 4-propyl-piperidine-2-carboxylic acid [2,2-difluoro-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-[4-*n*-propyl-4-fluoro-pyrrolidin-2-yl]-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 4-fluoro-4-propyl-pyrrolidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

~~1-[4-*n*-butyl-4-fluoro-pyrrolidin-2-yl]-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 4-butyl-4-fluoro-pyrrolidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

4-(2-methoxyethoxy)-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

4-Butyl-pyrrolidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

4-(4,4-Difluoro-pentyl)-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

4-(3-Fluoro-propyl)-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

4-Fluoro-4-propyl-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

4-(2-Fluoroethoxy)-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

4-(2-Cyclopropyl-ethyl)-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

4-Cyclopropylmethyl-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

4-(2-Cyclobutyl-ethyl)-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

4-Cyclobutylmethyl-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

3-Butyl-azetidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

3-Cyclopropylmethyl-azetidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

3-Propyl-azetidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

3-Butyl-1-(2-hydroxy-ethyl)-azetidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

3-Pentyl-azetidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

3-(3-Methyl-butyl)-azetidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

3-(3-Cyclobutyl-propyl)-azetidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

3-(2-Cyclobutyl-ethyl)-azetidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

3-(2-Cyclopropyl-ethyl)-azetidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

3-(3-Cyclopropyl-propyl)-azetidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

3-Butyl-1-methyl-azetidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

4-Cyclopropylmethyl-pyrrolidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

4-(2-Cyclobutyl-ethyl)-pyrrolidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

4-(2-Cyclopropyl-ethyl)-pyrrolidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

5-Propyl-azepane-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

4-butyl-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

4-(3-Cyclopentyl-propyl)-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

4-(3-Methoxy-propyl)-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

4-(3-Ethoxy-propyl)-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

4-(3-Propoxy-propyl)-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

4-(3-Cyclopropylmethoxy-propyl)-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

4-[3-(2-Fluoro-ethoxy)-propyl]-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

4-[3-(3-Fluoro-propoxy)-propyl]-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

4-(4-Methoxy-butyl)-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

4-Propoxymethyl-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

4-(3-Fluoro-propoxymethyl)-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

4-Cyclohexylmethyl-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

4-(2-Propyloxyethyl)-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

4-Cyclopropylmethoxy-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

4-Fluoro-4-butyl-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

4-Fluoro-4-ethyl-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

4-Fluoro-4-(3-fluoropropyl)-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

4-Fluoro-4-(3,3-difluoropropyl)-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

4-Fluoro-4-(2,2-difluoroethoxymethyl)-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

and prodrugs, tautomers [[and]] or pharmaceutically acceptable salts thereof.

Claim 10 (Currently amended): A compound selected from the group consisting of:

~~1-[4-*n*-propyl-*N*-(F-moc)-piperid-6-yl]-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide~~ 2-[2-Methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propylcarbamoyl]-4-propyl-piperidine-1-carboxylic acid 9*H*-fluoren-9-ylmethyl ester;

~~1-[4-*n*-propyl-*N*-(carboxylic acid ethyl ester)-piperid-6-yl]-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide;~~ 2-[2-Methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propylcarbamoyl]-4-propyl-piperidine-1-carboxylic acid ethyl ester;

~~1-[4-*n*-propyl-*N*-(carboxylic acid phenyl ester)-piperid-6-yl]-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide~~2-[2-Methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propylcarbamoyl]-4-propyl-piperidine-1-carboxylic acid phenyl ester;

Phosphoric acid mono-(4,5-dihydroxy-6-{2-methyl-1-[(4-propyl-piperidine-2-carbonyl)-amino]-propyl}-2-methylsulfanyl-tetrahydro-pyran-3-yl) ester;

Succinic acid mono-(4,5-dihydroxy-6-{2-methyl-1-[(4-propyl-piperidine-2-carbonyl)-amino]-propyl}-2-methylsulfanyl-tetrahydro-pyran-3-yl) ester;

N-(2-Morpholin-4-yl-ethyl)-succinamic acid 4,5-dihydroxy-6-{2-methyl-1-[(4-propyl-piperidine-2-carbonyl)-amino]-propyl}-2-methylsulfanyl-tetrahydro-pyran-3-yl ester;

Dimethylamino-acetic acid 4,5-dihydroxy-6-{2-methyl-1-[(4-propyl-piperidine-2-carbonyl)-amino]-propyl}-2-methylsulfanyl-tetrahydro-pyran-3-yl ester;

1-(5-Methyl-2-oxo-[1,3]dioxol-4-ylmethyl)-4-propyl-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

2-[2-Methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propylcarbamoyl]-4-propyl-piperidine-1-carboxylic acid 5-methyl-2-oxo-[1,3]dioxol-4-ylmethyl ester;

Hexadecanoic acid 4,5-dihydroxy-6-{2-methyl-1-[(4-propyl-piperidine-2-carbonyl)-amino]-propyl}-2-methylsulfanyl-tetrahydro-pyran-3-yl ester;

1-(1-Methyl-3-oxo-but-1-enyl)-4-propyl-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

2-[2-Methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propylcarbamoyl]-4-propyl-piperidine-1-carboxylic acid 1-acetoxy-ethyl ester;

2-[2-Methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propylcarbamoyl]-4-propyl-piperidine-1-carboxylic acid 2-amino-3-methyl-pentanoyloxymethyl ester;

2-[2-Methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propylcarbamoyl]-4-propyl-piperidine-1-carboxylic acid piperidine-4-carbonyloxymethyl ester;

1-(Propionylamino-methyl)-4-propyl-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

N-{2-[2-Methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propylcarbamoyl]-4-propyl-piperidin-1-ylmethyl}-nicotinamide;

1-(2-Amino-propionyl)-4-propyl-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

1-(2-Amino-3-phenyl-propionyl)-4-propyl-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

1-(2-Amino-3-methyl-pentanoyl)-4-propyl-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

1-(2-Amino-3-methyl-butyryl)-4-propyl-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

1-(1-Methyl-1,4-dihydro-pyridine-3-carbonyl)-4-propyl-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide;

2-[2-Methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propylcarbamoyl]-4-propyl-piperidine-1-carboxylic acid 1-methyl-1,2,3,6-tetrahydro-pyridin-4-yl ester;

and tautomers [[and]] or pharmaceutically acceptable salts thereof.

Claim 11 (canceled)

Claim 12 (Currently amended): A compound according to claim 9, wherein the compound is:

~~1-(4-*n*-butylpiperid-6-yl)-*N*-{1-[3,4,5-trihydroxy-6-(methylthio)tetrahydropyran-2-yl]-2-methylprop-1-yl}acetamide.~~ 4-butyl-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide and prodrugs, tautomers or pharmaceutically acceptable salts thereof.

Claim 13 (Currently amended): A compound according to claim 9, wherein the compound is:

4-Fluoro-4-propyl-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide and prodrugs, tautomers or pharmaceutically acceptable salts thereof.

Claim 14 (Currently amended): A compound according to claim 9, wherein the compound is:

4-(2-Cyclopropyl-ethyl)-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide and prodrugs, tautomers or pharmaceutically acceptable salts thereof.

Claim 15 (Currently amended): A compound according to claim 9, wherein the compound is:

4-Cyclopropylmethyl-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide and prodrugs, tautomers or pharmaceutically acceptable salts thereof.

Claim 16 (Currently amended): A compound according to claim [[10]]9, wherein the compound is:

5-Propyl-azepane-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide and prodrugs, tautomers or pharmaceutically acceptable salts thereof.

Claim 17 (Currently amended): A compound according to claim 10, wherein the compound is:

Phosphoric acid mono-(4,5-dihydroxy-6-{2-methyl-1-[(4-propyl-piperidine-2-carbonyl)-amino]-propyl}-2-methylsulfanyl-tetrahydro-pyran-3-yl) ester and tautomers or pharmaceutically acceptable salts thereof.

Claim 18 (Currently amended): A compound according to claim 10, wherein the compound is:

1-(5-Methyl-2-oxo-[1,3]dioxol-4-ylmethyl)-4-propyl-piperidine-2-carboxylic acid [2-methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propyl]-amide and tautomers or pharmaceutically acceptable salts thereof.

Claim 19 (Currently amended): A compound according to claim 10, wherein the compound is:

2-[2-Methyl-1-(3,4,5-trihydroxy-6-methylsulfanyl-tetrahydro-pyran-2-yl)-propylcarbamoyl]-4-propyl-piperidine-1-carboxylic acid 5-methyl-2-oxo-[1,3]dioxol-4-ylmethyl ester and tautomers or pharmaceutically acceptable salts thereof.

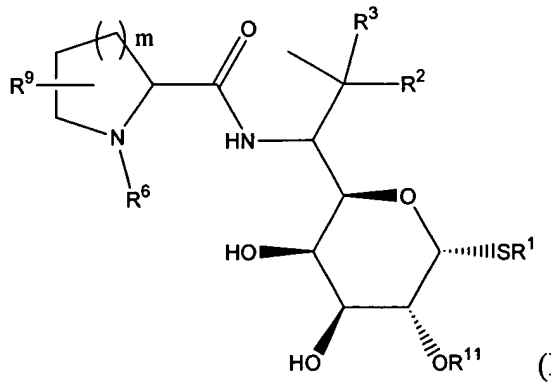
Claim 20 (Original): A pharmaceutical composition comprising a pharmaceutically acceptable carrier and a therapeutically effective amount of a compound of claim 1.

Claim 21 (Original): A method for the treatment of a microbial infection in a mammal comprising administering to the mammal a therapeutically effective amount of a compound of claim 1.

Claim 22 (Original): The method according to claim 21, wherein the compound is administered to the mammal orally, parenterally, transdermally, topically, rectally, or intranasally in a pharmaceutical composition.

Claim 23 (Original): The method according to claim 21, wherein the compound is administered in an amount of from about 0.1 to about 100 mg/kg of body weight/day.

Claim 24 (new): A compound of formula (IV):



(IV)

R^1 is alkyl;

R^2 and R^3 are independently H, alkyl, hydroxy, fluoro, or cyanoalkyl or one of R^2 and R^3 is $=NOR^7$ and the other is absent, or one of R^2 and R^3 is $=CH_2$ and the other is absent, with the provisos that both R^2 and R^3 are not H; when one of R^2 and R^3 is fluoro, the other is not hydrogen or hydroxy; and when one of R^2 and R^3 is hydroxy, the other is not fluoro, hydrogen, or hydroxy;

R^6 is selected from the group consisting of hydrogen; 1-(acetyloxy)-ethyl-oxycarbonyl; 1-amino-2-methyl-butyl-carbonyl; 1-amino-2-methyl-butyl-carbonyl-oxy-methyl-oxycarbonyl; 1-amino-2-methyl-propyl-carbonyl; 1-amino-2-phenyl-ethyl-carbonyl; 1-amino-ethyl-carbonyl; 1-methyl-1,2,3,6 tetrahydro-pyridin-4-yl-oxycarbonyl; 1-methyl-1,4 dihydro-pyridin-3-yl-carbonyl; 1-methyl-3-oxo-but-1-enyl; 5-methyl-[1,3]dioxol-2-one-4-yl-methoxy-carbonyl; 5-methyl-[1,3]dioxol-2-one-4-yl-methyl; ethoxy-carbonyl; ethyl-carbonylamino-methyl; fluorenyl-methylene-oxy-carbonyl; phenoxy-carbonyl; piperidin-4-yl-carbonyl-oxy-methyl-oxycarbonyl; and pyridine-3-yl-carbonylamino-methyl;

R^7 is H or alkyl;

R^9, which can be singly or multiply substituted in the ring on the same or different carbons, is independently selected from the group consisting of alkyl, substituted alkyl, alkoxy, substituted alkoxy, alkoxyalkoxy, cycloalkyl, substituted cycloalkyl, substituted oxygen, substituted nitrogen, halogen, phenyl, substituted phenyl, $-(CH_2)_n$-OH, $-(CH_2)_n$-NR^4R^5, -alkylene-R^a where R^a is selected from monofluorophenyl and

monochlorophenyl, and branched chain isomers thereof wherein n is an integer of from 1 to 8 inclusive and R^4 and R^5 are H or alkyl;

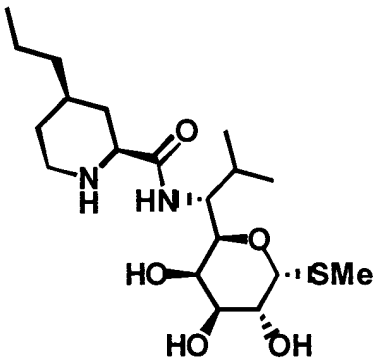
R^{11} is selected from the group consisting of hydrogen; 2-(*N*-(2-morpholin-4-yl-ethyl)-amino-carbonyl)-ethyl-carbonyl; $-C(O)CH_2CH_2COOH$; *N,N*-dimethyl-amino-methyl-carbonyl; pentadecyl-carbonyloxy; and $-PO_3H_2$;

m is 0, 1, 2 or 3; and

prodrugs, tautomers or pharmaceutically acceptable salts thereof;

with the proviso that the compound of formula IV has a minimum inhibition concentration of 32 μg/mL or less against at least one of the organisms selected from the group consisting of Streptococcus pneumoniae, Staphylococcus aureus, Staphylococcus epidermidis, Enterococcus faecalis, Enterococcus faecium, Haemophilus influenzae, Moraxella catarrhalis, Escherichia coli, Bacteroides fragilis, Bacteroides thetaiotaomicron, and Clostridium difficile.

Claim 25 (new): A compound of the structure:



and prodrugs, tautomers or pharmaceutically acceptable salts thereof.

Claim 26 (new): A pharmaceutical composition comprising a pharmaceutically acceptable carrier and a therapeutically effective amount of a compound of claim 25.

Claim 27 (new): A method for the treatment of a microbial infection in a mammal comprising administering to the mammal a therapeutically effective amount of a compound of claim 25.

Claim 28 (new): The method according to claim 27, wherein the compound is administered to the mammal orally, parenterally, transdermally, topically, rectally, or intranasally in a pharmaceutical composition.

Claim 29 (new): The method according to claim 27, wherein the compound is administered in an amount of from about 0.1 to about 100 mg/kg of body weight/day.